

Note: We will be recording all Bootcamp Sessions. Anyone not wishing to be recorded should mute their video or disconnect.



HAM BOOTCAMP

Nashua Area Radio Society

Fall 2021

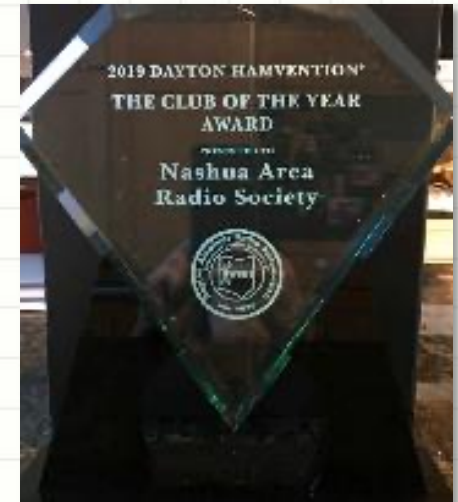
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What is Bootcamp?



- An activity to help you build a station and get on the air
- A chance to learn about what you can do with your license (or why you might want to have one)
- An opportunity to ask questions of experienced Hams and learn about Amateur Radio
- A great place to have some fun with Amateur Radio!

The Nashua Area Radio Society



- One of the largest Amateur Radio Clubs in New England - Currently 440+ members
- Our Mission
 - Encourage and help people to become licensed and active in Amateur Radio
 - Spark Interest among Young People in STEM Education and Careers through Amateur Radio
 - Provide training and mentoring to enable our members to improve their technical and operating skills and to be prepared to assist in times of emergency
 - Sponsor on-air operating activities so that our members may practice and fully develop their operating skills and have fun with Amateur Radio!
- 2019 Dayton Hamvention® Club Of The Year, ARRL Spotlight Club for Mentoring
- We are a 501(c)3 Non-Profit Charity

Ham Bootcamp – Spring 2021

Track	Session	Presenter
Repeaters and VHF/UHF	Introduction	Fred, AB1OC
	Putting together a Station for Repeaters - How to pick a Radio and an Antenna	Fred, AB1OC
	Making Contacts and Joining a Repeater Net – On the Air Demonstration	Fred, AB1OC Aron, W1AKI
	Getting started with Amateur Radio Satellites - On the Air Demonstration	Burns, WB1FJ Fred, AB1OC
	Radio Programming Tutorial	Fred, AB1OC
	Getting started with EchoLink	Anita, AB1QB
	Lunch Break – On the Air Demo	
	Getting started with Fox Hunting	Abby, AB1BY
HF Activities	Putting together an HF Station for SSB, CW, and Digital	Jamey, AC1DC
	Picking and Putting up an HF Antenna, Feedline, and Ground	Fred, AB1OC
	Operating on the HF bands using SSB Voice – On the Air Demonstration	Fred, AB1OC
	Finding DX, Logging Contacts, and Awards	Anita, AB1QB
	Setting up WSJT-X and FT8 Digital	Fred, AB1OC
	How to Learn CW	Fred, AB1OC
	Where to learn more and online Ham Radio Shopping Trip	Fred, AB1OC

Zoom Tips

WSJT-X Modes
What can I do?

- Weak-signal Digital contacts on VLF, HF, VHF bands and above
- Great for basic stations (100W and a Wire or QRP)
- Exchange includes call signs, grids, and signal reports
- Work DX, make progress on operating awards
 - DXCC, WAS, VUCC, etc.
- Evaluate your station's performance & band conditions
- Make contacts using "exotic" modes
 - Meteor Scatter on 6m
 - Moon Bounce (EME)
 - Airplane & Rain Scatter
 - ...

Download The WSJT-X Program and Manual [here](#)

Zoom Meeting Controls:

- Unmute (indicated by a red arrow)
- Stop Video (indicated by a red arrow)
- Chat (indicated by a red arrow)
- To: Everyone (indicated by a red arrow)

Please Keep
Audio Muted

Turn your
video on/off

Bring up chat to
ask questions

Select To Everyone and
type in your question

As We Begin...

- Enjoy the hands-on activities
- Ask lots of questions – use the Zoom chat window to do this
- Learn all you can from the experts
- Take a break as needed
- Have fun!



To Learn More:

Check out the Nashua Area Radio Society's Tech Night Program at:
n1fd.org/tech-night

Become an Internet Subscriber (or member of the Nashua Area Radio Society):
n1fd.org/join-us